

TP+ and TP+ HIGH TORQUE – the specialists for Delta Robots

The right gearhead to match every requirement!



The low backlash planetary gearheads TP+ and TP+ HIGH TORQUE from WITTENSTEIN alpha offer greatest dynamics with maximum precision. These characteristics stand for maximum performance capability and reliability for use in individually-designed delta robots.

Optimization of the mechanical drive components due to

- configuration with cymex®
- simulation of the delta robot kinematics
- acquisition of the application data by sensor system (TORXIS/TP+ IQ)
- design assistance

Attributes:

- compact design
- highest power density
- greatest positioning precision
- high torsional resistance
- optimized mass moment of inertia

3 x 1 = one – force, dynamics and precision in one unit



TP+ HIGH TORQUE



TP+



TP+ HIGH TORQUE
in customized version



TP+ Washdown

Washdown
variants

Quality & Reliability

We define quality as an active philosophy. Our quality is guaranteed by a thorough QM system, backed by state-of-the-art measurement and testing methods. With our 100% final control inspections, we guarantee the quality and reliability.

Partnership

We cultivate a very personal relationship with our customers, based on mutual trust and shared values. We work with you to develop future-oriented solutions to meet the needs of a market that is constantly changing. In collaboration with you, we aim to boost our competitiveness and so ensure the future of your company.

Sales & service all over the world

Never mind where you need us – our close sales and service network offers you expert support anywhere in the world. Our local contact will be happy to answer any question you might have.

Consulting & Engineering

Take advantage of the many years of experience and expert skill set of our highly qualified staff. You can count on the comprehensive engineering services offered by WITTENSTEIN alpha. We work with you to develop the ideal drive solution to meet your requirements.

WITTENSTEIN alpha – intelligent drive systems

www.wittenstein-alpha.de

WITTENSTEIN alpha GmbH

Walter-Wittenstein-Straße 1 · 97999 Igersheim · Germany · Tel.: +49 7931 493-10800 · Fax: +49 7931 493-200